EXHIBIT A

**Intermountain™
Utah Valley Regional
Medical Center**

NEUROPSYCHOLOGICAL CONSULTATION REPORT

Name:	Shannon Kay Cavanaugh
Date of birth:	July 23, 1982
Date of testing:	November 11, 2008
Age at testing:	26 yrs 4/12 mo
Address:	1401 South, 1450 West / Woods Cross, UT 84087
Years of education:	12
Date of injury:	December 8, 2006
Time since injury:	1 yrs 11/12 mo
Medication:	"Topamax, Imitrax"

PRESENTING PROBLEM:

The patient is seen today for neuropsychological evaluation to assess current level of functioning subsequent to injuries sustained in a fall that occurred on December 9, 2006 wherein she sustained a moderate traumatic brain injury (TBI). Medical reports indicate an incident in which she was tasered and subsequently fell and struck her head on the ground. The patient was transported to the University of Utah Medical Center where she was intubated for airway maintenance and treated for an intracerebral and epidural hemotoma. Current reported symptoms include: persistent daily headaches, reduced concentration and motivation, memory difficulty, irregular bowels and "some depression that goes in phases".

BACKGROUND HISTORY:

Extensive records are available on this patient including: Initial CT head scans from University of Utah Emergency Department on the day of injury demonstrating: a right temporal epidural hematoma, approximately 1 cm; right sylvian fissure subarachnoid hemorrhage; left intraparenchymal hermorrhage; left temporal contusion; diffuse cerebral edema, with sulcal effacement; and a small focus of pneumocephalus, with a right-sided skull based fracture.

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Because of persistent symptoms, including headache, a repeat scan on December 14, 2006, indicated an increase in size of the right temporal epidural hematoma as well as midline shift and the decision was made to neurosurgically evacuate via a right craniotomy. Post-surgical MRI performed on December 15, 2006, demonstrated decrease mass effect post-epidural removal with stable left frontal and temporal lobe hemorrhages. Post-injury psychiatric records report the following diagnoses: depression NOS; alcohol dependence and eating disorder NOS. Medical history is also significant for an arm fracture (age 7), but with no reported head injury and childhood speech articulation difficulty, which resolved with maturation The patient indicates no knowledge of being diagnosed or treated for learning disability as a child and she graduated from public high school, with a high C/low B GPA. Maternal and paternal family medical histories are reportedly nonsignificant. Additional history is documented in the Neurobehavioral History Questionnaire which was completed by the patient. With regards to headaches they will occasionally reach a "10". She did not report significant headache at the beginning of the assessment, but does indicate that her head pain on a typical day rates about a "2", which is what she rated it today.

BEHAVIORAL OBSERVATIONS/MENTAL STATUS EXAMINATION:

Appearance, Movement, and Behavior – This patient was casually groomed and casually dressed. Her motor exam appeared to be within normal limits. She also reported mild head pain after the lunch break and moderate body pain at the end of this assessment.

Orientation and Autobiographical Memory – Patient was oriented in all four spheres. Autobiographical memory appeared to be within normal limits. The patient was able to recall "leaving the house before" the accident and "two to three days later" when her breathing tube was removed.

Speech – Speech was intelligible 100% of the time. She demonstrated appropriate conversation skills and appropriate speech rate and volume.

Thought Content and Process – No apparent disturbances in content or thought processes were noted on mental status examination or during the assessment.

Affect / Mood – Depressed mood with restricted affect

Insight / Judgment – There was no evidence of impairment during the assessment.

Validity – Patient was cooperative and appeared fully engaged throughout the entire assessment. She did not display any impairment on measures of suboptimal performance, consistently exhibiting what appeared to be full effort throughout testing. This assessment is considered to be a valid reflection of her current neurobehavioral status.

TESTS ADMINISTERED:
See attached data sheet.

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TEST RESULTS:
See attached data sheet for specific scores.

INTELLECTUAL FUNCTIONING:

Wechsler Abbreviated Scale of Intelligence

	Standard Score	Percentile
Verbal IQ	89	23
Performance IQ	100	50
Full Scale IQ	94	34

Results of intellectual assessment indicate level of functioning to be generally within the average range, with relatively higher performance seen for Performance IQ. Given the history of significant TBI it may be appropriate to compare current academic and cognitive function to pre-injury public school records.

ACADEMIC FUNCTIONING:

Wide Range Achievement Test - 4th Edition

	Standard Score	Percentile	Grade Equivalent
Word Reading	90	25	10.2
Sentence Comprehension	89	23	10.4
Spelling	90	25	9.6
Math Computation	93	32	8.7

Basic academic skill level in this patient is in the low average to average range.

PERSONALITY/EMOTIONAL FUNCTIONING:

Psychometric assessment of personality and emotional functioning as measured by the BDI, BAI, SCL-90-R and PAI identify current depression symptoms. On the Post-Traumatic Stress Diagnostic Scale, the patient meets full criteria for Post-Traumatic Stress Disorder.

NEUROPSYCHOLOGIC FUNCTIONING:

The patient is right-side dominant. Basic motor, somatosensory and olfactory functions were within normal limits. Language function was also found to be intact as was basic visual-spatial function. However, the initial trial on the California Verbal Learning Test and the Working Memory index on the Wechsler Memory Scale were low, which are often indicators in the TBI patient for impaired attention/concentration. Likewise, executive functioning displayed variability.
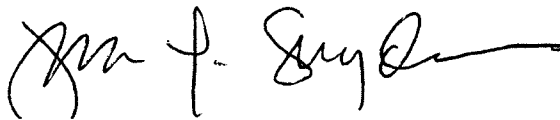
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IMPRESSION:
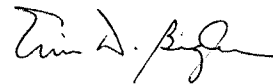
By history this patient sustained a moderate TBI with positive neuroimaging findings indicative of structural brain damage. The current neuropsychological evaluation documents neuropsychiatric and cognitive sequelae consistent with this history of moderate TBI.

Alex Cramond, M.A.
Neuropsychology Intern

James L. Snyder, Ph.D.
Clinical Director Neuropsychology/
Rehabilitation Psychology

Erin D. Bigler, Ph.D., ABPP/CN
Supervising Clinical Neuropsychologist

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DATA SHEET

Demographic Information

Name:	Shannon Kay Cavanaugh	Yrs of Education:		12
Date of Birth:	July 23, 1982	Date of injury:	December 8, 2006	
Gender:	Female	Time since injury:	1 yrs 11/12 mo	
Ethnicity:	Caucasian	Previously Assessed:	November 11, 2008	
Date of Testing:	November 11, 2008	Time Since Assessed:	0/12 mo	
Age at Testing:	26 yrs 4/12 mo	Medication:	Topamax, Imitrax	
Address:	1401 South, 1450 West / Woods Cross, UT 84087	Referral Source:	Attorney	
Test Administrator:	Alex Cramond, M.A.	Presenting Problem:	TBI	

Halstead-Reitan Battery

Subtest/Index	Raw
Lateral Dominance Exam	
Dominant Hand	right
Writing name -rt (sec)	7
writing name -lt (sec)	14
Dominant eye	right
Dominant leg	right
Grip Strength	
H-R GS - Dominant	23.0
H-R GS - Nondominant	22.3

Subtest/Index	Raw
Finger Tapping Test	
HR FTT - Dom	49
HR FTT - Nondom	50
Trail Making Test	
Version	adult
HR - Trail A (sec)	21
HR - Trail A (err)	0
HR - Trail B (sec)	64
HR - Trail B (err)	2

R-K Sensory-Perceptual Exam.

Tactile	Errors							
RH-LH:	R:	0	L:	0	bR:	0	bL:	0
RH-LF:	R:	0	L:	0	bR:	0	bL:	0
LH-RF:	R:	0	L:	0	bR:	0	bL:	0
Auditory	Errors							
RE-LE:	R:	1	L:	0	bR:	0	bL:	0
Visual	Errors							
Above:	R:	0	L:	0	bR:	0	bL:	0
At:	R:	0	L:	0	bR:	0	bL:	0
Below:	R:	0	L:	0	bR:	0	bL:	0
Visual Fields		full						

R-K Sensory-Perceptual Exam.   (cntd)

Tactile Finger Rec.		- Errors							
R:	F1:	0	F2:	0	F3:	0	F4:	0	F5:	0
L:	F1:	0	F2:	0	F3:	0	F4:	0	F5:	0
Finger Tip # Write		- Errors							
R:	F1:	0	F2:	1	F3:	1	F4:	1	F5:	0
L:	F1:	0	F2:	0	F3:	1	F4:	0	F5:	0

R-I Aphasia Screening Test

Errors:

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Pocket Smell Test

Measure/Subtest	Raw
Pocket Smell Test (/3)	2

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Validity Measures					

Measure/Subtest	Raw		Measure/Subtest	Raw
Test of Memory Malingering			**Rey - 15 Item Test**	
Trail 1	50		# correct	15
Trial 2	50			
Delayed	-			

Wechsler Abbreviated Scale of Intelligence - WASI					

Subtest/Index	Raw	Scaled	Subtest/Index	Raw	Scaled
WASI-vocabulary	47	40	WASI-Verbal Scale	86	89
WASI-similarities	33	46	WASI-Performance Scale	101	100
WASI-block design	50	54	WASI-Full Scale	187	94
WASI-matrix reasoning	24	47			

Wechsler Memory Scale, Third Edition - WMS-III (with optional subtests)					

Subtest/Index	Raw	Scaled	Subtest/Index	Raw	Scaled
WMS-III - Information Orientation	14	67 (%ile)	WMS-III - Letter Number Sequencing	9	8
WMS-III - Logical Memory 1	38	10	WMS-III - Digit Span	17	10
WMS-III - LM1 1st recall	21	9	WMS-III - (Longest Digits Forward)	7	.24 (Z)
WMS-III - LM1 learning slope	6	10	WMS-III - (Longest Digits Backward)	4	-.64 (Z)
WMS-III - LM1 - theme	15	8	WMS-III - Spatial Span	15	8
WMS-III - Logical Memory 2	23	10	WMS-III - Spatial Span - forward	10	11
WMS-III - LM2 % retention	85	10	WMS-III - Spatial Span - backward	5	6
WMS-III - LM2 - theme	9	7	WMS-III - Faces 1	41	11
WMS-III - Verbal Paired Associates 1	21	10	WMS-III - Faces 2	37	9
WMS-III - VPA1 1st recall	0	6	WMS-III - Faces 2 - % retention	90	4
WMS-III - VPA learning slope	8	17	WMS-III - Family Pictures 1	45	9
WMS-III - Verbal Paired Associates 2	8	13	WMS-III - Family Pictures 2	49	10
WMS-III - VPA2 % retention	100	12	**WMS-III - Auditory Immediate**	**20**	**99**
WMS-III - Auditory Recognition Delayed	49	9	**WMS-III - Visual Immediate**	**20**	**100**
WMS-III-APC - single trial learning	15	14 (%ile)	**WMS-III - Immediate Memory**	**40**	**100**
WMS-III-APC - learning slope	27	92 (%ile)	**WMS-III - Auditory Delayed**	**23**	**108**
WMS-III-APC - retention	22	63 (%ile)	**WMS-III - Visual Delayed**	**19**	**97**
WMS-III-APC - retrieval	-3	16 (%ile)	**WMS-III - Aud Rec Delayed**	**9**	**95**
			WMS-III - General Memory	**51**	**101**
			WMS-III - Working Memory	**16**	**88**

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California Verbal Learning Test, Second Edition (CVLT-II), Standard Form

Subtest/Index	Raw	Scaled		Subtest/Index	Raw	Scaled
CVLT Trial 1	7	-0.5		CVLT learning slope	2	0.0
CVLT Trial 2	10	0.0		CVLT recall consistency	89	1.0
CVLT Trial 3	13	0.5		CVLT b v 1	-14	0.0
CVLT Trial 4	14	0.5		CVLT short delay free v 5	-15	0.0
CVLT Trial 5	13	-0.5		CVLT long delay free v 5	-8	0.5
CVLT Total 1-5	57	53 (T)		CVLT long v short delay free	9	0.5
CVLT Trial b	6	-0.5		CVLT total repetitions	11	1.0
CVLT Short Free	11	-0.5		CVLT total intrusions	9	1.5
CVLT Short Cued	11	-1.0		CVLT recognition hits	4	2.0
CVLT Long Free	12	0.0		CVLT recognition false positives	0	-0.5
CVLT Long Cued	12	-0.5		CVLT recognition discrimination	4	-0.5
CVLT Semantic Clustering	-1	-1.5		CVLT forced choice %accuracy	0	(%ile)
CVLT Serial Clustering fd	2	1.0		CVLT free recall v forced	0	(%ile)
%primacy	26	-0.5		CVLT recognition v forced	0	(%ile)
%middle	44	-0.5				
%recency	30	1.0				

Boston Naming Test

Subtest/Index	Raw
Boston Naming Test	52

Hooper Visual Organization Test

Subtest/Index	Raw	Scaled
Hooper	25.5	51 (T)

Rey Complex Figure Test and Recognition Trial - Myers Version

Subtest/Index	Raw	T/%ile
Rey - Copy	30	1 (%ile)
Rey - Delayed Recall	11	-3. (Z)
Rey - Recognition Total	10	.3 (Z)

Wide Range Achievement Test, 4th Edition - WRAT-4

Subtest/Index	Raw	Scaled	Gd Eq		Subtest/Index	Raw	Scaled	Gd Eq
Word Reading	55	90	10.2		Math Computation	41	93	8.7
Sentence Comprehension	42	89	10.4		Reading Composite	179	88	--
Spelling	38	90	9.6					

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Delis-Kaplan Executive Functioning System (D-KEFS) - Standard Form						
Subtest/Index	**Raw**	**Scaled**		**Subtest/Index**	**Raw**	**Scaled**
D-KEFS-Verbal Fluency				**D-KEFS Color-Word Interference Test**		
D-KEFS-VF - letter f	12			1. Uncorrected errors	0	
D-KEFS-VF - letter a	12			1. Corrected errors	0	
D-KEFS-VF - letter s	19			DKEFS CWIT- color naming (sec)	22	13
D-KEFS-VF - letter-mean	14.3			2. Uncorrected errors	2	
D-KEFS-VF - letter-total	43	12		2. Corrected errors	0	
D-KEFS-VF - Category	42	1		DKEFS CWIT- word reading (sec)	21	11
D-KEFS-VF - Switching responses	14	11		3. Uncorrected errors	1	
D-KEFS-VF - Switching accuracy	13	11		3. Corrected errors	1	
D-KEFS-VF - letter v category	11	11		DKEFS CWIT- inhibition (sec)	51	10
D-KEFS-VF - switching v category	10	19		4. Uncorrected errors	1	
D-KEFS-Twenty Questions Test				4. Corrected errors	0	
D-KEFS-20Q, abstraction	24	9		DKEFS CWIT- inhibition/switch (sec)	49	12
D-KEFS-20Q, total questions	23	12		DKEFS CWIT- inhibition all errors	2	9
D-KEFS-20Q, achievement	18	14		DKEFS CWIT- inhibition/switch all errors	1	11
D-KEFS-Word Context Test				Combined name + read	24	12
D-KEFS-Word Context Total	13	5		DKEFS CWIT- inhibition v color naming	-3	7
				DKEFS CWIT- inhibition/switch v comb.	0	10
				DKEFS CWIT- inhibition/switch v inhibit	2	12

Behavior Rating Inventory of Executive Function - Adult Version		
Scale/Index	**Raw**	**Scaled**
Teacher Form		
Respondent:		Patient
Brief-A- Inhibit	14	57
Brief-A- Shift	13	69
Brief-A- Emotional Control	23	67
Brief-A- Self-Monitor	13	67
Brief-A-BRI	63	68
Brief-A- Initiate	19	73
Brief-A- Working Memory	20	79
Brief-A- Plan/Organize	21	68
Brief-A- Task Monitor	12	63
Brief-A- MI	92	69
Brief-P- GEC	155	73

Symptom Checklist - 90 - Revised														
Scale	**raw**	**T**		**Scale**	**raw**	**T**		**Scale**	**raw**	**T**		**Scale**	**raw**	**T**
SOM	1.25	65		DEP	1.31	65		PHOB	0.71	65		GSI	1.16	67
O-C	1.80	70		ANX	1.00	65		PAR	1.17	66		PSDI	1.70	59
I-S	1.33	68		HOS	0.33	54		PSY	0.90	69		PST	61	69

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Personality Assessment Inventory

Scale	raw	T		Scale	raw	T		Scale	raw	T		Scale	raw	T
ICN	7	55		ARD	25	56		ANT	11	48		NON	4	48
INF	0	40		DEP	33	70		ALC	6	52		RXR	17	57
NIM	4	59		MAN	9	35		DRG	1	44		DOM	13	36
PIM	11	41		PAR	23	55		AGG	5	38		WRM	24	51
SOM	30	69		SCZ	19	56		SUI	6	56				
ANX	31	64		BOR	28	60		STR	11	62				

Beck Inventories

Inventory	Raw	Range
Beck Depression Inventory-II	33	severe
Beck Anxiety Inventory	5	minimal

Posttraumatic Stress Diagnostic Scale

Area	Rating		Area	Rating
excessive omits?	no		Duration	chronic
Exposure	met		Delayed Onset	no
Reexperiencing	met		Func Impairment	severe
Avoidance	met		Num. of Symptom	13
Arousal	met		Symptom Severity	21
Duration/Onset	met		Sympt. Sev Rating	mod to sev
Distress/Func	met		Traumatic Event	serious accident
PTSD Criteria	met			

Measurements

Height	62 in.
Weight	120 lbs.

Additional Forms Completed / Sent

Form	Completed / Sent	Completed by:
Neurobehavioral History	Completed	Self
Neurobehavioral Signs and Symptoms	Completed	Self